

Abstract

A tire condition sensor unit (e.g., 18A) is for use within a tire condition communication system (10).

The sensor unit (e.g., 18A) is for association with a

5 tire (e.g., 14A) of a vehicle (12) and, via a method, communicates a tire condition to a vehicle-based

unit (28). A sensor (58) senses the tire condition.

Radio frequency transmit circuitry and an antenna

(68 and 22) transmit a radio frequency signal

10 (e.g., 24A) that indicates the sensed tire condition.

In one aspect, a low frequency antenna and a signal detector (48 and 52) receive a low frequency initiation signal that causes transmission of the radio frequency signal indicative of the sensed tire condition. In

15 another aspect, the radio frequency signal is also indicative of a fixed identification.

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